

## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

# NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

02/22/2007

CHRISTOPHER DEVRIES General Motors Corporation Legal Staff, Mail Code 482-C23-B21 P.O. Box 300 Detroit, MI 48265-3000

EXAMINER					
LEWIS, T	TISHA D				
ART UNIT	PAPER NUMBER				

DATE MAILED: 02/22/2007

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/766,100	01/28/2004	William C. Albertson	GP-302869	2181

TITLE OF INVENTION: METHOD OF COMPENSATING TORQUE AT CYLINDER SWITCHING ON A DOD ENGINE WITH ELECTRIC PARALLEL HYBRID

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	05/22/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown
- B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This appropriate. All further indicated unless correct maintenance fee notifica	ed below or directed oth	for traning the I	smitting the ISSU Patent, advance or in Block 1, by (a	JE FEE and PUBLIC ders and notification  ) specifying a new co	of n	ON FEE (if requinaintenance fees was pondence address;	red). E vill be and/or	Blocks 1 through 5 s mailed to the current (b) indicating a sepa	hould be corresponded rate "FE	c completed where ondence address as EE ADDRESS" for
CURRENT CORRESPOND	ENCE ADDRESS (Note: Use BI	ock 1 for	any change of address)		Fee(	s) Transmittal. Thi	s certif	can only be used for icate cannot be used if , such as an assignmentalling or transmission.	or any o	ther accompanying
	7590 02/22	/2007								
CHRISTOPHE	R DEVRIES				I ha	Cer	tificate	of Mailing or Trans	mission . donosit	ad with the United
					State	es Postal Service w	is rect	ficient postage for fire	t class n	nail in an envelope
General Motors					addr	essed to the Mail	Stop	s) Transmittal is being ficient postage for firs ISSUE FEE address 1) 273-2885, on the d	above,	or being facsimile
	1 Code 482-C23-B2	1			trans	smitted to the USP	TO (57	1) 273-2885, on the d	ate indic	ated below.
P.O. Box 300								<u> </u>		(Depositor's name)
Detroit, MI 4826	65-3000				<u> </u>					(Depositor's name)
ŕ					ı					(Signature)
										(Date)
APPLICATION NO.	FILING DATE			FIRST NAMED INVEN	TOR		ATTO	RNEY DOCKET NO.	CONF	IRMATION NO.
10/766,100	01/28/2004			William C. Alberts				GP-302869		2181
TITLE OF INVENTIO PARALLEL HYBRID	N: METHOD OF CO	MPEN	SATING TORQU	JE AT CYLINDER	SW	ITCHING ON A	DOD	ENGINE WITH E	LECTRI	С
APPLN. TYPE	SMALL ENTITY	ISS	SUE FEE DUE	PUBLICATION FEE D	UE	PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE		DATE DUE
nonprovisional	NO	·	\$1400	\$300		\$0		\$1700	<u> </u>	05/22/2007.
EXAM	IINER		ART UNIT	CLASS-SUBCLASS	;					
LEWIS,	TISHA D		3681	477-002000		,				
1. Change of correspond	ence address or indicatio	n of "Fe	ee Address" (37	2. For printing on (	he n	atent front page lis	st .			
CFR 1.363).			•	(1) the names of up to 3 registered patent attorneys						
Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.		Correspondence	or agents OR, alternatively,  (2) the name of a single firm (having as a member a 2							
"Fee Address" ind	lication (or "Fee Address 2 or more recent) attach	" Indica	ation form	registered attorney 2 registered patent listed, no name wi	or a	gent) and the nam rneys or agents. If	es of u	p to		
3 ASSIGNEE NAME A	ND RESIDENCE DATA	A TO B	E PRINTED ON T	THE PATENT (print of	r tyr	ne)				<del></del>
	less an assignce is ident th in 37 CFR 3.11. Comp			••		•	ee is ic	dentified below, the d	ocument	has been filed for
		piction	of this form is NO			-				
(A) NAME OF ASSI	GNEE			(B) RESIDENCE: (C	CITY	and STATE OR C	COUNT	TRY)		
Please check the appropr	iate assignee category or	catego	ries (will not be pr	inted on the patent):		Individual 🗆 Co	orporati	ion or other private gro	oup entit	y Government
4a. The following fce(s)	are submitted:		46	o. Payment of Fec(s): (	(Plea	se first reapply ar	ıy prev	iously paid issue fee	shown a	bove)
☐ Issue Fee				A check is enclos	ed.					
Publication Fee (N	No small entity discount p	nermitte	ed)			d Form PTO-2038	is atta	sched		
	# of Copies			Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).						
Advance Order	# of Copies			overpayment, to I	Depo	sit Account Number	er	enclose a	n extra c	opy of this form).
5. Change in Entity Sta	tus (from status indicate	d above	:)							
	s SMALL ENTITY state		•	☐ h Applicant is no	lone	ger claiming SMAI	I FN'	TITY status. See 37 C	FR 1 27(	a)(2)
NOTE: The Issue Fee an interest as shown by the										
interest as shown by the	Tecords of the United Sta	nes rate	on and 1 rademark	Office.						
Authorized Signature						Date	<del></del>		<u>.</u>	
Typed or printed nam	e					Registration N	lo			<u></u>
This collection of inform an application. Confiden	nation is required by 37 Citiality is governed by 35	CFR 1.3 U.S.C.	11. The information 122 and 37 CFR	on is required to obtain	or r	etain a benefit by t imated to take 12 i	he pub	lic which is to file (ans to complete, including	d by the	USPTO to process) ing, preparing, and

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.			
10/766,100	01/28/2004	William C. Albertson	GP-302869	GP-302869 2181			
. 75	90 02/22/2007		EXAM	NER			
CHRISTOPHER	DEVRIES	LEWIS, T	LEWIS, TISHA D				
General Motors Co		ART UNIT	PAPER NUMBER				
Legal Staff, Mail C P.O. Box 300 Detroit, MI 48265-		3681 DATE MAILED: 02/22/2007	7 .				

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b).

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 44 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 44 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.